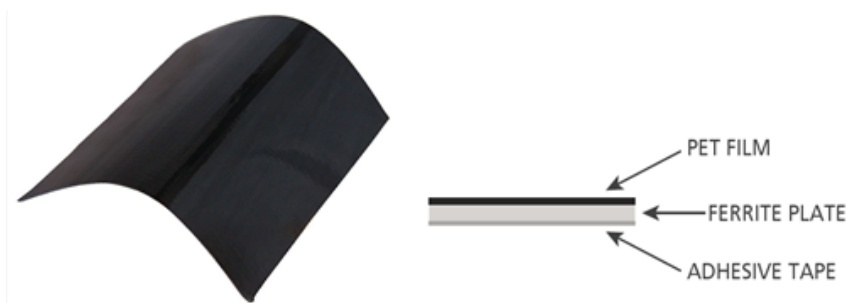


38M5020AA1212

Part Number: 38M5020AA1212

Material Grade	M5
Sheet Size	120 x 120 mm
Ferrite Thickness	0.2 mm
Total Thickness	0.23 mm



		Typical Shielding Effectiveness (dB): Test Method as noted - > **, ***				
PARTNUMBER	Material	1MHz**	6.78MHz**	13.56MHz**	100MHz***	300MHz***
38M5020AA1212	M5	11	11.2	9.9	5.1	2.5

** Shielding Effectiveness (SE) at 1 -50MHz : measured using IEC 6233-2 Rde Inter Decoupling Ratio method (loop to loop distance= 6mm).

This method is meaningful as a measure of decoupling effectiveness circuit to circuit or to metal surfaces (plane to plane).

*** Shielding Effectiveness (SE) at 100MHz + : measured using IEC 6233-2 Rrs Radiation Suppression Ratio method (50- ohm Microstripline).

This method is meaningful as a measure of shielding for radiated emissions of “antennas”.

Equipment Used:

- E5072A Vector Network Analyzer (30kHz – 8.5 GHz)
- HP4291A RF Impedance/ Material Analyzer (1MHz-3GHz)
- E4991A with 16453A Dielectric Test Fixture
- HP4284A for Temperature testing
- 25mm diameter slotted loop antennas
- 50- ohm Micro- Stripline Test Fixture

